

3+ Version 1.1 Installation and Administration Release Notes

This document includes notes related to the installation and administration of the 3+ network. You should read this information carefully before installing your 3+ software.

The Release Notes are divided into two sections:

- ▶ Installation
- ▶ Administration

General Use Release Notes are included separately.

Where applicable, each note is accompanied by a manual title and page reference. This reference indicates the manual and page containing related information.

For your convenience, we have enclosed a set of stickers to assist you in using the information. Simply affix a **Remember to check the Release Notes** sticker to each page referenced. The next time you use the manual, the sticker will remind you of the new information contained in these notes.

Guides referenced are:

I&C	<i>3+ Installation and Configuration Guide</i>
Admin	<i>3+ Administrator's Guide</i>
Menus	<i>3+Menus Reference Guide</i>
Minder	<i>3+Mail Minder Guide</i>

Installation

Guide Page

n/a	n/a	<p>CAUTION: A <i>3Server/3+ System</i> diskette (part #2093-02) is included in this package of 3+Share. This is a later version of the diskette with the same name that you received with your 3Server. Discard the old diskette and use the one included in this package.</p> <div><div>Discard Use</div><div>Part #2093-01 Part #2093-02</div></div>
n/a	n/a	<p>The software used to format the 3Server's hard disk has been revised to be fully compatible with 3+ version 1.1. If you have a 3Server 70 that has never been used (e.g., you are not upgrading from 3+ version 1.0 to version 1.1), you must reformat the disk before installing software. If you have a 3Server3 with a serial number BELOW F1570 and the server has never been used before, you should reformat the disk. No reformat is required for serial numbers ABOVE F1570. Follow the instructions in the <i>3Server Guide</i> and use the <i>3Server/3+ System</i> diskette provided in this package.</p>
n/a	n/a	<p>CAUTION: If you are using a 3Server3 , you may have received a diskette with the CacheCard (3C1011). This diskette is for use only with 3+ version 1.0 and should not be used with 3+ version 1.1. Discard the diskette (part #2984). No replacement diskette is required; the software used by the CacheCard is included on other 3+ version 1.1 software diskettes.</p>
I&C	3-3 3-9	<p>CAUTION: The partition or physical drive on which 3+ services are installed MUST have a sector size of 512 bytes. Additional drives or partitions can have different sector sizes. 3Server partitions and most 3rd party hard disks use 512 byte sector sizes as the default.</p>

Installation (cont.)

- I&C D-16 **CAUTION:** When using a 3Server3 with a CacheCard, **DO NOT** change the second or third parameters (*user* or *services*) on the DEVICE=PRO.SYS line. If these parameter values are set to anything other than zero (0), the system will not function properly.
- I&C 1-5 3+ version 1.0 and 3+ version 1.1 software cannot co-exist on the **same server**.
- I&C 1-7 Final validation testing has not been completed with the *AST Rampage AT* board. At this time, we can only recommend use of the *Intel AboveBoard*.
- I&C 1-7 On a PC server, EMS memory may either be used by the server (via 3+TurboShare), **OR** by applications programs, but not by both. This includes applications that require special device drivers to be added to the CONFIG.SYS file, such as print buffers and virtual disks. EMS memory can be used for such programs **only** if 3+TurboShare is not installed.
- I&C 3-7
5-28 Floppy drives are not be listed as part of the CIO SYS Configuration menu in the 3INSTALL program.
- I&C 4-8 Memory values listed for standard configurations are approximations. Your particular configuration of printers, disk drives, modems, etc., affects the amount of memory actually required.
- I&C 4-9 On a PC server -- when installing standard library configurations using an EMS board, 2 MB of EMS are expected. If your EMS board has less than 2 MB of memory, modify the EMS memory allocation **after** the services have been installed. Otherwise, the server may not function correctly.
- I&C 4-11 On a 3Server3 -- when installing standard library configurations using a CacheCard, modify the EMS memory allocation **after** the services have been installed from the library. Otherwise, the EMS field will be reset to zero when a library configuration is used.

Installation (cont.)

- I&C 4-13 When installing multi-server configurations using 3+Mail and 3+Route to connect multiple networks, you must be careful in arranging services on servers and setting up dial-out routes for 3+Route. Some combinations will not work correctly but there should always be a viable combination that meets your needs. The configurations that are tricky involve one server running **both** 3+Mail **and** either 3+Route or 3+NetConnect while one or more other servers run 3+Route. If you do this, you must set up the same complete set of dial-out routes on all Route servers.

3+Mail on a server by itself can route correctly regardless of the dial-out route configurations of the 3+Route servers on the network.

3+Mail on a server with 3+Route can route correctly even though other servers may be running 3+NetConnect.

- I&C 4-16 When installing 3+Name, the 3+Name Configuration menu will automatically be displayed after installation of the selected services. If the installation is interrupted or fails in any way, you must restart the server and select **Run the 3INSTALL program**. From the 3INSTALL main menu, select **Configure Parameters and Peripherals**. Move the cursor to Name service and select Change to display the Name service parameters. Enter the network number from your 3+Share/Name diskette. If the network number is not entered, the message "No Name server" will be displayed when you start the system and the network will not be operational.

- I&C A-16 On a 3Server -- if, after restarting the server, the LCD constantly displays "Loading <service>" but all the services seem to be running correctly, increase the number of processes on the DEVICE=PRO.SYS line in the CONFIG.SYS file in the root (\) directory. For example, change DEVICE=PRO.SYS 32 0 0 to DEVICE=PRO.SYS 34 0 0.

Installation (cont.)

- I&C A-30 The message "Unable to create directory" may appear if you run the installation program and attempt to install the software more than once. This message indicates that the installation batch file attempted to create a directory which already exists. No action is required. The batch file will continue executing and the installation program will function normally.**
- I&C C-6 If you are using a NULL modem connection between two networks, or between a 3+Remote PC workstation and a network, make sure the following timeout values are set to zero (0):**
- ▶ Port Timeout (Port on which NULL modem is installed) on both networks**
 - ▶ Dial-Out Route Timeout (for each route which uses the NULL modem port, the Timeout value should be zero)**
 - ▶ Remote PC with a NULL modem connection to a network should have TIMEOUT=0 in the PROFILE.SYS file.**

Using a timeout value of 0 will keep the NULL modem connection between the two networks open all the time, providing better performance and reliability. Set the Port and Dial-out Route timeouts using the 3INSTALL program.

Installation (cont.)

I&C D-17 The Login Library Manager, LGL.SYS, has a parameter, specified as follows:

`device=lgl.sys -mx`

-mx Sets the maximum number of map entries available in the Login Library. Each time a 3F or 3P LINK, 3F or 3P DIR, or 3N ASSIGN command is issued, an entry is made in the Login Library. If the number of entries exceeds the maximum set with this parameter, the error message "Internal error" will be returned. Rebooting the workstation clears all entries in the current Login Library name map. Each map entry requires 88 bytes of memory. The default is 8.

Administration

Guide Page

General

Admin	1-5	Assign the \3PLUS\3CONFIG directory the sharename CONFIG.
Admin	2-20	For information on use of the LASTDRIVE command, see Appendix D of the <i>3+ Installation and Configuration Guide</i> .
Admin	4-5	The menu file for Tape Backup functions is ADMIN6.MNI, not ADMIN5.MNI as shown in Table 4-1.
Admin	5-27 5-31	References to the installation menu item Configure Server Parameters should read Configure Parameters and Peripherals .

Administration (cont.)

3+Menus

- Admin 4-3** When using the pre-configured administration submenus, always check the file location of each menu item to assure that it matches your installation's configuration. To do this, select an item on the administration submenu and use the command **/Modify Change** to look at the **File Location (disk:directory)** listing. Make sure the location shown is the location of the submenus in your configuration.
- Admin 4-27**
- Menus 1-1** For your convenience, copy protection has been removed from 3+Menus. Only one copy is required to install this service on multiple servers on a network. Please disregard any references regarding copy protection or 5-user versus unlimited-user capabilities under 3+Menus.
- Menus 2-2** When using terminate-and-stay-resident programs such as *3+Mail Minder* or *Sidekick* with 3+Menus, the terminate-and-stay-resident programs must be loaded **prior** to running the **MENUS.EXE** program.
- Menus 5-10** With 3+Menus, any submenu can point to any other menu in your 3+Menus system. This makes recursive (circular) menu references possible. While occasionally useful, this is not good practice, and should be avoided if at all possible. If you happen to create a recursive menu reference, the circle can be broken by modifying the file name in one of the submenus. Select the desired menu item and change (**/Modify Change**) the name of the file referenced in the **Menu File** field. Two or more menus may reference a common submenu as long as the references are not circular.
- Menus 5-21** The convention of using **SYS** to represent the default server name is allowed when defining automatic linking for a menu item.

Administration (cont.)

3+Menus (cont.)

- Menus 5-21 User name and alias are now permitted in the 2nd page of the Create/Modify Task form for \\<server name>.
- Menus D-1 The APPEND command is executed by invoking the program APPEND.COM found on the *3+Share User #1* diskette. The DOS 3.x version of APPEND.COM can also be used.

3+Route

- Admin 5-36 Changes to the dial-out routes for 3+Route will take effect within 5 minutes without having to restart the server. Changes made to the port or buffer configuration require the 3+Route server to be restarted before taking effect.

3+Start

- Admin 1-7 To create a 3+Start Master diskette, follow the
4-40 procedures in Chapter 2 of the *3+ Installation and Configuration Guide* for creating a Local Workstation Startup disk. Instead of choosing the menu item for Local Workstation Startup disk, choose **3+Start Master diskette**.
- Admin 4-43 When sharing the \3PLUS\3START\STARTDIR directory, assign Read-Write-Creat (RWC) access rights, *not* Public (PUB).
- Admin 4-51 When modifying a private 3+Start volume, do
A-12 not use the DOS command VERIFY=ON or COPY with the /V parameter. If VERIFY is used, the error message "General error writing to drive C:" will occur. Should this happen, issue the DOS command VERIFY=OFF and repeat the operation.

Administration (cont.)

3+Mail

- Admin 2-23 For information on using 3+Mail Minder, see the *3+Mail Minder Guide* that is shipped with the 3+Mail 1.1 package.
- Minder 1-4 3+Mail Minder is now included on the *3+Mail User* diskette.

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